


ABV	ABOVE	D	DEGREE OF CURVE	INST	INSTALLATION	RR	RAILROAD	T	TANGENT DISTANCE
A/C	ACCESS CONTROL	DC	DEPRESSED CURVE	IDS	INTERSECTION DESIGN STUDY	RRS	RAILROAD SPIKE	T.R.	TANGENT RUNOUT DISTANCE
AC	ACRE	DET	DETECTOR	INV	INVERT	RPS	REFERENCE POINT STAKE	TEL	TELEPHONE
ADJ	ADJUST	DIA	DIAMETER	IP	IRON PIPE	REF	REFLECTIVE	TB	TELEPHONE BOX
AS	AERIAL SURVEYS	DIST	DISTRICT	IR	IRON ROD	RCCP	REINFORCED CONCRETE	TP	TELEPHONE POLE
AGG	AGGREGATE	DOM	DOMESTIC	JT	JOINT		CULVERT PIPE	TEMP	TEMPORARY
AH	AHEAD	DBL	DOUBLE	kg	KILOGRAM	REINF	REINFORCEMENT	TBM	TEMPORARY BENCH MARK
APT	APARTMENT	DSEL	DOWNSTREAM ELEVATION	km	KILOMETER	REM	REMOVAL	TD	TILE DRAIN
ASPH	ASPHALT	DSFL	DOWNSTREAM FLOWLINE	LS	LANDSCAPING	RC	REMOVE CROWN	TBE	TO BE EXTENDED
AUX	AUXILIARY	DR	DRAINAGE OR DRIVE	LN	LANE	REP	REPLACEMENT	TBR	TO BE REMOVED
AGS	AUXILIARY GAS VALVE (SERVICE)	DI	DRAINAGE INLET OR DROP INLET	LT	LEFT	REST	RESTAURANT	TBS	TO BE SAVED
		DRV	DRIVEWAY	LP	LIGHT POLE	RESURF	RESURFACING	TWP	TOWNSHIP
AVE	AVENUE	DCT	DUCT	LGT	LIGHTING	RET	RETAINING	TR	TOWNSHIP ROAD
AX	AXIS OF ROTATION	EA	EACH	LF	LINEAL FEET OR LINEAR FEET	RT	RIGHT	TS	TRAFFIC SIGNAL
BK	BACK	EB	EASTBOUND	L	LITER OR CURVE LENGTH	ROW	RIGHT-OF-WAY	TSGB	TRAFFIC SIGNAL CONTROL BOX
B-B	BACK TO BACK	EOP	EDGE OF PAVEMENT	LC	LONG CHORD	RD	ROAD	TSC	TRAFFIC SYSTEMS CENTER
BKPL	BACKPLATE	E-CL	EDGE TO CENTERLINE	LNG	LONGITUDINAL	RDWY	ROADWAY	TRVS	TRANSVERSE
B	BARN	E-E	EDGE TO EDGE	L SUM	LUMP SUM	RTE	ROUTE	TRVL	TRAVEL
BARR	BARRICADE	EL	ELEVATION	MACH	MACHINE	SAN	SANITARY	TRN	TURN
BGN	BEGIN	ENR	ENTRANCE	MB	MAIL BOX	SANS	SANITARY SEWER	TY	TYPE
BM	BENCHMARK	EXC	EXCAVATION	MH	MANHOLE	SEC	SECTION	T-A	TYPE A
BIND	BINDER	EX	EXISTING	MATL	MATERIAL	SEED	SEEDING	TYP	TYPICAL
BIT	BITUMINOUS	EXPWAY	EXPRESSWAY	MED	MEDIAN	SHAP	SHAPING	UNDGND	UNDERGROUND
BTM	BOTTOM	E	EXTERNAL DISTANCE OF HORIZONTAL CURVE	m	METER	S	SHED	USGS	U.S. GEOLOGICAL SURVEY
BLVD	BOULEVARD			METH	METHOD	SH	SHEET	USEL	UPSTREAM ELEVATION
BRK	BRICK	E	OFFSET DISTANCE TO VERTICAL CURVE	M	MID-ORDINATE	SHLD	SHOULDER	USFL	UPSTREAM FLOWLINE
BBOX	BUFFALO BOX			mm	MILLIMETER	SW	SIDEWALK OR SOUTHWEST	UTIL	UTILITY
BLDG	BUILDING	F-F	FACE TO FACE	mm DIA	MILLIMETER DIAMETER	SIG	SIGNAL	VBOX	VALVE BOX
CIP	CAST IRON PIPE	FA	FEDERAL AID	MIX	MIXTURE	SOD	SODDING	VV	VALVE VAULT
CB	CATCH BASIN	FAI	FEDERAL AID INTERSTATE	MBH	MOBILE HOME	SM	SOLID MEDIAN	VLV	VAULT
C-C	CENTER TO CENTER	FAP	FEDERAL AID PRIMARY	MOD	MODIFIED	SB	SOUTHBOUND	VEH	VEHICLE
CL	CENTERLINE OR CLEARANCE	FAS	FEDERAL AID SECONDARY	MFT	MOTOR FUEL TAX	SE	SOUTHEAST	VP	VENT PIPE
CL-E	CENTERLINE TO EDGE	FAUS	FEDERAL AID URBAN SECONDARY	N & BC	NAIL & BOTTLE CAP	SPL	SPECIAL	VERT	VERTICAL
CL-F	CENTERLINE TO FACE	FP	FENCE POST	N & C	NAIL & CAP	SD	SPECIAL DITCH	VC	VERTICAL CURVE
CTS	CENTERS	FE	FIELD ENTRANCE	N & W	NAIL & WASHER	SQ FT	SQUARE FEET	VPC	VERTICAL POINT OF CURVATURE
CERT	CERTIFIED	FH	FIRE HYDRANT	NOAA	NATIONAL OCEANIC ATMOSPHERIC ADMINISTRATION	m ²	SQUARE METER	VPI	VERTICAL POINT OF INTERSECTION
CHSLD	CHISELED	FL	FLOW LINE			mm ²	SQUARE MILLIMETER	VPT	VERTICAL POINT OF TANGENCY
CS	CITY STREET	FB	FOOT BRIDGE	NC	NORMAL CROWN	SQ YD	SQUARE YARD	WM	WATER METER
CP	CLAY PIPE	FDN	FOUNDATION	NB	NORTHBOUND	STB	STABILIZED	WV	WATER VALVE
CLSD	CLOSED	FR	FRAME	NE	NORTHEAST	STD	STANDARD	WMAIN	WATER MAIN
CLID	CLOSED LID	F&G	FRAME & GRATE	NW	NORTHWEST	SBI	STATE BOND ISSUE	WB	WESTBOUND
CT	COAT OR COURT	FRWAY	FREEWAY	OLID	OPEN LID	SR	STATE ROUTE	WILDFL	WILDFLOWERS
COMB	COMBINATION	GAL	GALLON	PAT	PATTERN	STA	STATION	W	WITH
C	COMMERCIAL BUILDING	GALV	GALVANIZED	PVD	PAVED	SPBGR	STEEL PLATE BEAM GUARDRAIL	WO	WITHOUT
CE	COMMERCIAL ENTRANCE	G	GARAGE	PVMT	PAVEMENT	SS	STORM SEWER		
CONC	CONCRETE	GM	GAS METER	PM	PAVEMENT MARKING	STY	STORY		
CONST	CONSTRUCT	GV	GAS VALVE	PED	PEDESTAL	ST	STREET		
CONTD	CONTINUED	GRAN	GRANULAR	PNT	POINT	STR	STRUCTURE		
CONT	CONTINUOUS	GR	GRATE	PC	POINT OF CURVATURE	e	SUPERELEVATION RATE		
COR	CORNER	GRVL	GRAVEL	PI	POINT OF INTERSECTION OF HORIZONTAL CURVE	S.E. RUN.	SUPERELEVATION RUNOFF LENGTH		
CORR	CORRUGATED	GND	GROUND						
CMP	CORRUGATED METAL PIPE	GUT	GUTTER	PRC	POINT OF REVERSE CURVE	SURF	SURFACE		
CNTY	COUNTY	GP	GUY POLE	PT	POINT OF TANGENCY	SMK	SURVEY MARKER		
CH	COUNTY HIGHWAY	GW	GUY WIRE	POT	POINT ON TANGENT				
CSE	COURSE	HH	HANDHOLE	POLYETH	POLYETHYLENE				
XSECT	CROSS SECTION	HATCH	HATCHING	PCC	PORTLAND CEMENT CONCRETE				
m ³	CUBIC METER	HD	HEAD	PP	POWER POLE OR PRINCIPAL POINT				
mm ³	CUBIC MILLIMETER	HDW	HEADWALL	PRM	PRIME				
CU YD	CUBIC YARD	HDTY	HEAVY DUTY	PE	PRIVATE ENTRANCE				
CULV	CULVERT	ha	HECTARE	PROF	PROFILE				
C&G	CURB & GUTTER	HWY	HIGHWAY	PGL	PROFILE GRADELINE				
		HORIZ	HORIZONTAL	PROJ	PROJECT				
		HSE	HOUSE	P.C.	PROPERTY CORNER				
		IL	ILLINOIS	PL	PROPERTY LINE				
		IMP	IMPROVEMENT	PR	PROPOSED				
		IN DIA	INCH DIAMETER	R	RADIUS				
		INL	INLET						

 Illinois Department of Transportation	
PASSED January 1, 2002 <i>Ryan Dambell</i> ENGINEER OF POLICY AND PROCEDURES	ISSUED 1-1-97
APPROVED January 1, 2002 <i>Michael J. Hane</i> ENGINEER OF DESIGN AND ENVIRONMENT	

DATE	REVISIONS	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (Sheet 1 of 8)
1-1-02	Updated abbreviations and symbols.	
1-1-00	Revised abbreviations.	
		STANDARD 000001-04

ADJUSTMENT ITEMS**EX****PR**

Structure To Be Adjusted

ADJ

Structure To Be Cleaned

C

Structure To Be Filled

F

Structure To Be Removed

R

Structure To Be
Reconstructed

REC

Frame and Grate
To Be Adjusted

A

Frame and Lid
To Be Adjusted

A

Domestic Service Box
To Be Adjusted

A

Valve Vault To Be Adjusted

A

Special Adjustment

SP

Item To Be Abandoned

AB

Item To Be Moved

M

Item To Be Relocated

REL

Pavement Removal
and Replacement**ALIGNMENT ITEMS****EX****PR**

Baseline

Centerline

Centerline Break Circle

Baseline Symbol

Centerline Symbol

PI Indicator

Point Indicator

Horiz Curve Data



CURVE
P.I. STA=
Δ=
R=
T=
L=
E=
e=
T.R.=
S.E. RUN=
P.C. STA=
P.T. STA=



CURVE
P.I. STA=
Δ=
R=
T=
L=
E=
e=
T.R.=
S.E. RUN=
P.C. STA=
P.T. STA=

BOUNDARIES ITEMS**EX****PR**

Dashed Property Line

Solid Property/Lot Line

Section/Grant Line

County/Township Line

State Line

Iron Pipe Found

Iron Pipe Set

Survey Marker

Property Line Symbol

Same Ownership Symbol

Northwest Quarter Corner

Section Corner

Southeast Quarter Corner

**CONTOUR ITEMS****EX****PR**

Approx. Index Line

Approx. Intermediate Line

Index Contour

Intermediate Contour

Slope Limit Line

DRAINAGE ITEMS**EX****PR**

Culvert Line

Ditch Profile Line

Grading & Shaping Ditches

Drainage Boundary Line

Paved Ditch

Aggregate Ditch

Flowline

Ditch Check

Headwall

Inlet

Manhole

Summit

Roadway Ditch Flow

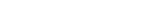
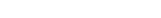
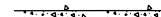
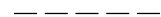
Swale

Catch Basin

Culvert End Section

Water Surface Indicator

Riprap



**STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS**

(Sheet 2 of 8)

STANDARD 000001-04

EROSION & SEDIMENT CONTROL ITEMS

EX

PR

Cleaning & Grading Limits



Dike



Erosion Control Fence



Perimeter Erosion Barrier



Temporary Fence



Ditch Check Temporary



Ditch Check Permanent



Inlet & Pipe Protection



Sediment Basin



Erosion Control Blanket



Fabric Formed Concrete Revetment Mat



Turf Reinforcement Mat



Mulch Temporary



Mulch Method 1



Mulch Method 2 Stabilized



Mulch Method 3 Hydraulic

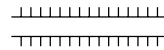


EXISTING IMPROVEMENT ITEMS

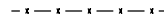
EX

PR

Noise Attn./Levee



Fence



Base of Levee



Mailbox



Pay Telephone



Advertising Sign



LANDSCAPING ITEMS

EX

PR

Contour Mounding Line



Shrubs



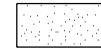
Mowline



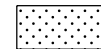
Perennial Plants



Seeding Class 2



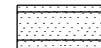
Seeding Class 2A



Seeding Class 3



Seeding Class 4



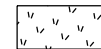
Seeding Class 4 & 5 Combined



Seeding Class 5



Seeding Class 7

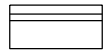


EXISTING LANDSCAPING ITEMS (cont.)

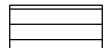
EX

PR

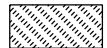
Seedlings Type 1



Seedlings Type 2



Sodding



Mowstake w/Sign



Tree Trunk Protection



Evergreen Tree



Shade Tree



LIGHTING

EX

PR

Cable In Duct w/o Ground



Conduit w/Ground



Electrical Aerial Cable



Electrical Buried Cable



Controller



Underpass Luminaire



Power Pole



Pull Point



STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS

(Sheet 3 of 8)

STANDARD 000001-04

LIGHTING (cont.)

Handhole
Heavy Duty Handhole
Junction Box
Light Unit Comb.
Electrical Ground
Traffic Flow Arrow
High Mast Pole
Light Unit-1

EX



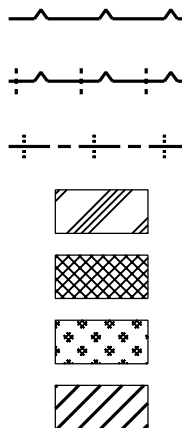
PR



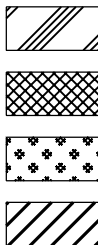
PAVEMENT (MISC.)

Keyed Long Joint
Keyed Long Joint w/Tie Bars
Sawed Long Joint w/Tie Bars
Bituminous Shoulder
Bituminous Taper
Stabilized Driveway
Widening

EX



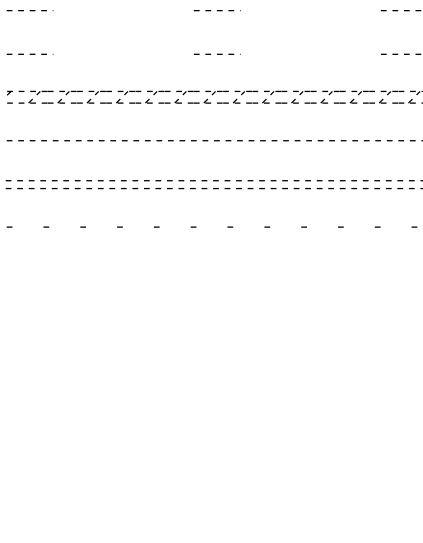
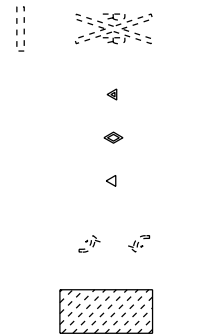
PR



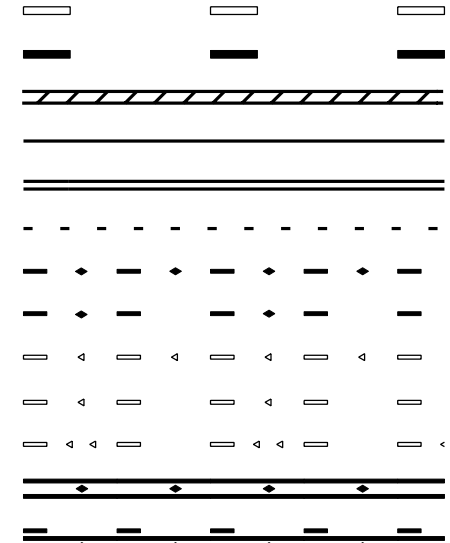
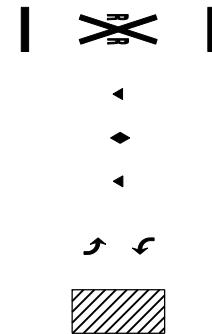
PAVEMENT MARKINGS

RR Crossing
Raised Marker Amber 1 Way
Raised Marker Amber 2 Way
Raised Marker Crystal 1 Way
Two Way Turn Left
Shoulder Diag. Pattern
Skip-Dash White
Skip-Dash Yellow
Stop Line
Solid Line
Double Centerline
Dotted Lines
CL 2Ln 2Way
RRPM 12.2 m (40') o.c.
CL 2Ln 2Way
RRPM 24.4 m (80') o.c.
CL Multilane Div.
RRPM 12.2 m (40') o.c.
CL Multilane Div.
RRPM 24.4 m (80') o.c.
CL Multilane Div. Dbl.
RRPM 24.4 m (80') o.c.
CL Multilane Undiv.
Two Way Turn Left Line

EX



PR



PAVEMENT MARKINGS (cont.)

		EX		PR	
Urban Combination Left Only			ONLY		
Urban Combination Right Only			ONLY		
Urban Left Turn Arrow					
Urban Right Turn Arrow					
Urban Left Turn Only			ONLY		
Urban Right Turn Only			ONLY		
Urban Thru Only			ONLY		
Rural Combination Left Only			ONLY		
Rural Combination Right Only			ONLY		
Rural Left Turn Arrow					
Rural Right Turn Arrow					
Rural Left Turn Only			ONLY		
Rural Right Turn Only			ONLY		
Rural Thru Only			ONLY		

RAILROAD ITEMS

	EX	PR
Abandoned Railroad		
Railroad		
Railroad Point		
Control Box		
Crossing Gate		
Flashing Signal		
Railroad Cant. Mast Arm		
Crossbuck		

REMOVAL ITEMS

	EX	PR
Removal Tic		
Bituminous Removal		
Hatch Pattern		

RIGHT OF WAY ITEMS

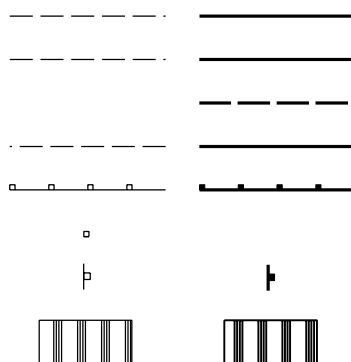
	EX	PR
Future ROW Corner Monument		
ROW Marker		
ROW Line		
Easement		
Temporary Easement		

ROADWAY PLAN ITEMS

EX

PR

Edge of Pavement
Bit Shoulders, Medians
and C&G Line
Aggregate Shoulder
Sidewalks, Driveways
Guardrail
Guardrail Post
Traffic Sign
Corrugated Median

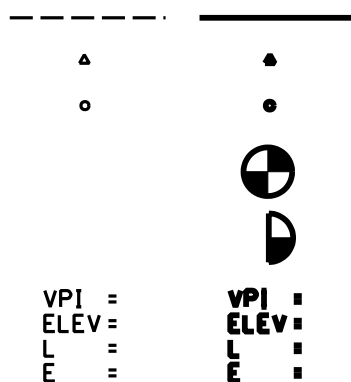


ROADWAY PROFILES

EX

PR

Profile Line
P.I. Indicator
Point Indicator
Earthworks Balance Point
Begin Point
Vert. Curve Data



SIGNING ITEMS

EX

PR

Barricade Type 1 or 2
Barricade Type II



SIGNING ITEMS (cont.)

EX

PR

Barricade Type III
Barricade With Edge Line
Flashing Light Sign
Panels I
Panels II
Sign Flag



Direction of Traffic



Detour M4-10L-(0)



Detour M4-10R-(0)



One Way Left R6-1L



One Way Right R6-1R



One Way Arrow Lrg. W1-6-(0)



Two Way Arrow Large W1-7-(0)



Reverse Left W1-4L



Reverse Right W1-4R



Two Way Traffic Sign W6-3



SIGNING ITEMS (cont.)

EX

PR

Detour Ahead W20-2



Left Lane Closed Ahead



Road Closed Ahead W20-R-(0)



Road Closed Ahead W20-3-(0)



Road Construction Ahead
W20-1-(0)



Single Lane Ahead



Transition Left W4-2L



Transition Right W4-2R



STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS

(Sheet 6 of 8)

STANDARD 000001-04

SIGNING ITEMS (cont.)

EX

PR

Left Turn Lane R3-I100L



Keep Left R4-7AL



Keep Left R4-7BL



Keep Right R4-7AR



Keep Right R4-7BR



Stop Here On Red R10-6-AL



Stop Here On Red R10-6-AR



No Left Turn R3-2



No Right Turn R3-1



Road Closed R11-2



Road Closed Thru Traffic R11-2



TRAFFIC SHEET ITEMS

EX

PR

Cable Number



Left Turn Green



Left Turn Yellow



Signal Backplate



Signal Section 200 mm (8")



Signal Section 300 mm (12")



Walk/Don't Walk Letters



Walk/Don't Walk Symbols



TRAFFIC SIGNAL ITEMS

EX

PR

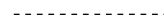
Galv. Steel Conduit



Underground Cable



Detector Loop Line



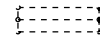
Detector Loop Large



Detector Loop Small



Detector Loop Quadrapole



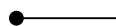
Detector Raceway



Aluminum Mast Arm



Steel Mast Arm



Veh. Detector Magnetic



TRAFFIC SIGNAL ITEMS (cont.)

EX

PR

Conduit Splice



Controller



Gulfbbox Junction



Wood Pole



Temp. Signal Head



Handhole



Heavy Duty Handhole



Junction Box



Ped. Pushbutton Detector



Ped. Signal Head



Power Pole Service



Priority Veh. Detector



Signal Head



Signal Head w/Backplate



Signal Post

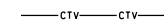


UNDERGROUND UTILITY ITEMS

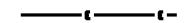
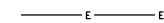
EX

PR

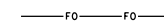
Cable TV



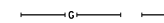
Electric Cable



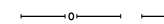
Fiber Optic



Gas Pipe



Oil Pipe



Pipe Underdrain



Illinois Department of Transportation	
PASSED January 1, 2002 <i>Ryan Dinkell</i> ENGINEER OF POLICY AND PROCEDURES	ISSUED 1-1-97
APPROVED January 1, 2002 <i>Michael J. Hane</i> ENGINEER OF DESIGN AND ENVIRONMENT	

**STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS**

(Sheet 7 of 8)

STANDARD 000001-04

**UNDERGROUND
UTILITY ITEMS
(cont.)**

	<u>EX</u>	<u>PR</u>
Sanitary Sewer		
Storm Sewer		
Telephone Cable		
Water Pipe		

UTILITIES ITEMS

	<u>EX</u>	<u>PR</u>
Controller		
Double Handhole		
Fire Hydrant		
Handhole		
Heavy Duty Handhole		
Junction Box		
Light Pole		
Manhole		
Power Pole		
Splice Box Above Ground		
Telephone Splice Box Above Ground		
Telephone Pole		
Traffic Signal		
Water Meter Valve Box		

VEGETATION ITEMS

	<u>EX</u>	<u>PR</u>
Deciduous Tree		
Bush		
Evergreen Tree		
Stump		
Vegetation Line		
Woods & Bush Line		

**WATER FEATURE
ITEMS**

	<u>EX</u>	<u>PR</u>
Stream or Drainage Ditch		
Waters Edge		
Water Surface Indicator		
Water Point		
Disappearing Ditch		
Marsh		